

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121919\
 Data File : BM024193.D
 Acq On : 20 Dec 2019 02:31
 Operator : JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020120

Manual Integrations
 APPROVED

Sohil
 12/20/2019 4:28:41 PM

Quant Time: Dec 20 13:22:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 20 13:13:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	268750	20.00	ng/ul	0.00
18) Naphthalene-d8	10.20	136	1180757	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.10	164	752845	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.86	188	1565429	20.00	ng/ul	0.00
78) Chrysene-d12	21.07	240	1479336	20.00	ng/ul	0.00
86) Perylene-d12	23.20	264	1670255	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.99	96	52505	8.63	ng/uL	0.00
5) Phenol-d5	6.63	99	433420	17.03	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.79	67	292510	19.17	ng/ul	0.00
9) 2-Chlorophenol-d4	6.97	132	339022	18.68	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	352483	16.95	ng/ul	0.00
19) Nitrobenzene-d5	8.59	128	163395	19.26	ng/ul	0.00
22) 2-Nitrophenol-d4	9.30	143	181613	19.47	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.84	165	348791	19.23	ng/ul	0.00
29) 4-Chloroaniline-d4	10.36	131	419875	19.06	ng/ul	0.00
44) Dimethylphthalate-d6	13.52	166	1065004	19.13	ng/ul	0.00
47) Acenaphthylene-d8	13.79	160	1303648	19.54	ng/ul	0.00
52) 4-Nitrophenol-d4	14.34	143	151905	15.20	ng/ul	0.00
58) Fluorene-d10	15.10	176	926427	18.98	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.25	200	161487	16.91	ng/ul	0.00
71) Anthracene-d10	16.96	188	1371320	19.25	ng/ul	0.00
79) Pyrene-d10	19.26	212	1425151	20.22	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.07	264	1611362	19.42	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.02	88	54391	8.071	ng/uL 92
4) Benzaldehyde	6.59	77	323103	19.641	ng/ul 98
6) Phenol	6.66	94	448917	17.084	ng/ul 100
8) Bis(2-Chloroethyl)ether	6.88	93	383656	18.843	ng/ul 98
10) 2-Chlorophenol	7.00	128	343180	18.437	ng/ul 97
11) 2-Methylphenol	7.89	108	334615	17.127	ng/ul 98
12) 2,2'-oxybis(1-Chloropropan	7.97	45	466843	19.908	ng/ul 98
14) Acetophenone	8.26	105	548946	17.499	ng/ul 99
15) N-Nitroso-di-n-propylamine	8.25	70	322743	18.624	ng/ul 99
16) 4-Methylphenol	8.22	108	371643	17.134	ng/ul 97
17) Hexachloroethane	8.49	117	156892	20.421	ng/ul 99
20) Nitrobenzene	8.63	77	457125	19.383	ng/ul 98
21) Isophorone	9.16	82	864163	19.604	ng/ul 100
23) 2-Nitrophenol	9.33	139	198445	19.322	ng/ul 94
24) 2,4-Dimethylphenol	9.41	107	422739	19.081	ng/ul 97
25) Bis(2-Chloroethoxy)methane	9.65	93	539141	19.687	ng/ul 99
27) 2,4-Dichlorophenol	9.87	162	337083	18.991	ng/ul 100
28) Naphthalene	10.25	128	1189474	19.224	ng/ul 100
30) 4-Chloroaniline	10.38	127	420022	18.893	ng/ul 98
31) Hexachlorobutadiene	10.54	225	223559	20.374	ng/ul 99
32) Caprolactam	11.17	113	104494m	15.580	ng/ul
33) 4-Chloro-3-methylphenol	11.52	107	393235	18.463	ng/ul 97
34) 2-Methylnaphthalene	11.88	142	839846	18.989	ng/ul 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.10	142	851776	18.869	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.26	216	409199	20.107	ng/ul	98
38) Hexachlorocyclopentadiene	12.23	237	198115	21.605	ng/ul	97
39) 2,4,6-Trichlorophenol	12.52	196	265632	19.736	ng/ul	98
40) 2,4,5-Trichlorophenol	12.60	196	273875	18.876	ng/ul	97
41) 1,1'-Biphenyl	12.92	154	1101946	19.609	ng/ul	99
42) 2-Chloronaphthalene	12.96	162	874923	19.816	ng/ul	99
43) 2-Nitroaniline	13.18	65	249771	19.295	ng/ul	94
45) Dimethylphthalate	13.57	163	1110509	19.194	ng/ul	99
46) 2,6-Dinitrotoluene	13.69	165	215076	18.871	ng/ul	96
48) Acenaphthylene	13.82	152	1382762	19.525	ng/ul	99
49) 3-Nitroaniline	14.03	138	189208	17.492	ng/ul	95
50) Acenaphthene	14.16	153	951481	19.540	ng/ul	99
51) 2,4-Dinitrophenol	14.26	184	96120	15.008	ng/ul	95
53) 4-Nitrophenol	14.36	109	125153	15.702	ng/ul	99
54) Dibenzofuran	14.50	168	1287058	19.012	ng/ul	98
55) 2,4-Dinitrotoluene	14.50	165	320247	18.606	ng/ul	91
56) 2,3,4,6-Tetrachlorophenol	14.74	232	244067	18.607	ng/ul	98
57) Diethylphthalate	14.95	149	1159840	19.717	ng/ul	99
59) Fluorene	15.16	166	1077281	18.844	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.16	204	532014	19.138	ng/ul	98
61) 4-Nitroaniline	15.20	138	183766	15.386	ng/ul	100
64) 4,6-Dinitro-2-methylphenol	15.27	198	175442	17.201	ng/ul	100
65) N-Nitrosodiphenylamine	15.38	169	914389	20.089	ng/ul	100
66) 4-Bromophenyl-phenylether	16.06	248	340505	20.463	ng/ul	97
67) Hexachlorobenzene	16.17	284	405035	19.880	ng/ul	98
68) Atrazine	16.34	200	324778	19.196	ng/ul	100
69) Pentachlorophenol	16.52	266	178415	16.711	ng/ul	97
70) Phenanthrene	16.90	178	1696236	19.355	ng/ul	99
72) Anthracene	16.99	178	1721305	19.536	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.88	216	416778	21.214	ng/ul	99
74) Pentachlorobenzene	14.43	250	447065	20.661	ng/ul	96
75) Carbazole	17.27	167	1438853	19.010	ng/ul	99
76) Di-n-butylphthalate	17.84	149	1965009	21.647	ng/ul	99
77) Fluoranthene	18.93	202	1881704	19.699	ng/ul	99
80) Pvrene	19.29	202	1954711	20.240	ng/ul	99
81) Butylbenzylphthalate	20.22	149	860202	22.609	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.00	252	633378	19.287	ng/ul	99
83) Benzo(a)anthracene	21.06	228	1832936	19.447	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.01	149	1369468	24.153	ng/ul	100
85) Chrysene	21.10	228	1803957	19.527	ng/ul	99
87) Di-n-octyl phthalate	21.86	149	2286873	25.341	ng/ul	100
88) Benzo(b)fluoranthene	22.57	252	2000043	20.013	ng/ul	99
89) Benzo(k)fluoranthene	22.61	252	1884528	19.218	ng/ul	99
91) Benzo(a)pyrene	23.11	252	1784640	19.740	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.30	276	2207986	20.339	ng/ul	99
93) Dibenzo(a,h)anthracene	25.31	278	1875664	20.608	ng/ul	98
94) Benzo(a,h,i)perylene	25.94	276	1840691	20.767	ng/ul	99

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

